

Calendar

Monday, Oct. 29
2:30 p.m.

[Particle Astrophysics Seminar](#)

- Curia II

Speaker: D. Cumberbatch,
Oxford University

Title: Sterile Neutrinos as
Subdominant Warm Dark
Matter

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

4 p.m.

All Experimenters' Meeting -
Curia II

Special Topic: High Power
Tests of Novel Fast Phase
Amplitude Modulators for HINS

Tuesday, Oct. 30
11 a.m.

Academic Lecture Series -
Curia II

Speaker: B. Dobrescu,
Fermilab

Title: Physics in Extra
Dimensions - Part 3

2:30 p.m.

[Special Particle Astrophysics
Seminar](#) - Curia II

Speaker: S. Koushiappas, Los
Alamos National Laboratory

Title: Dark Matter Physics and
Astrophysics with GLAST

3:30 p.m.

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO
ACCELERATOR PHYSICS
AND TECHNOLOGY
SEMINAR TODAY

4 p.m.

[Special Joint Experimental-
Theoretical Physics Seminar](#) -

One West

Speaker: A. Chou, Fermilab

Title: New Results from the
Pierre Auger Observatory

[Click here](#) for NALCAL,
a weekly calendar with links
to additional information.

Feature

Early, open communication highlighted for ILC sites



Craig Jones, a member
of the ILC Citizens' Task
Force, speaks at the
ALCPG07 Colloquium
Wednesday.

Craig Jones once debated egging DOE buses in the area for a talk about a proposed giant high-energy physics experiment in Illinois in the late 1980s. He led an opposition group bent on stopping the Fermilab's bid to build the Superconducting Super Collider.

"The mantra: 'You people don't matter. Only the physical characteristics of the

site matter.' I can't tell you how often I heard that," Jones told a crowd of about 200 Wednesday at Fermilab as part of the ALCPG07 conference.

In the end, Texas won the bid to host the SSC. Now, Jones, a Campton Township resident and member of Fermilab's ILC Citizens' Task Force, is advising the laboratory on how to avoid the same pitfalls with the ILC. "The difference between then and now is openness," he said.

In preparation for picking a nation and community to host the ILC, scientists want to examine what has worked and what hasn't for past large-scale research projects. Christian Mrotzek, of DESY in Germany, and Nobu Toge, of KEK in Japan, offered insight to ALCPG07 members and echoed Jones's call for connecting with the neighbors. The speakers stressed the importance of reaching out to potential ILC neighbors as early as possible.

[Read more](#)

View streaming video of the colloquium [here](#).

-- Tona Kunz

Safety Tip of the Week

Got a tough ES&H problem?



Employees and users can
make suggestions via the
ES&H managed suggestion
box.

Most ES&H issues can be readily resolved within your work group. Involving your supervisor or division or section ES&H personnel is also a good idea since these folks are usually aware of your exposures and know how to

deal with them. But what about those few problems that do not yield to the standard approach? One option is to use a reporting tool on the ES&H Section Web page. First click on the Quick Link called [Report ES&H Concern](#), then select Safety Concern or Suggestion Box. Safety Concerns are managed by the CD Help Desk. You must provide your identity, but this allows you to be kept informed of progress addressing your concern. The Suggestion Box is managed by the ES&H Section, and issues can be anonymously submitted -- an option that could prove useful if you fear reprisal or embarrassment.

Over the past year, Fermilab personnel used these tools about twice each month. About half of the submissions concerned traffic issues such as blocked views, bicycles, aberrant vehicle operation and surface maintenance. The rest were a variety of complaints and suggestions, such as fire alarms that are too loud and the labeling of doors. Interestingly, there was only a single anonymous submission. For a complete discussion of Fermilab's ES&H Concerns Program, see [FESHM chapter 1060](#).

[Safety Tip of the Week Archive](#)

[Accelerator Update](#)

Weather**Sunny 60°/42°****Extended Forecast****Weather at Fermilab****Current Security Status****Secon Level 3****Wilson Hall Cafe****Monday, Oct. 29**

- Potato au gratin
- Monte cristo
- *Savory roasted chicken quarters
- Lasagna bolognaise
- Chicken ranch wrapper
- Assorted slice pizza
- Szechuan style pork Lo mein

[Wilson Hall Cafe Menu](#)**Chez Leon****Wednesday, Oct. 31
Lunch**

- Skeleton's bones
- Monster's eyes
- Vampire's wishes
- Ghost delight

**Thursday, Nov. 1
Dinner**

- French onion soup
- Grilled halibut w/tarragon white butter sauce
- Grilled new potatoes
- Green beans w/lemon zest
- Chocolate soufflé w/hazelnut crème Anglaise

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Archives

Craig Jones, ILC Citizens' Task Force member, Christian Mrotzek of DESY and Nobu Toge, of KEK in Japan.

In the News**String theory: Back to basics**

From *Nature*, Oct. 17, 2007

Long touted as a theory of everything, it seems that string theory may at last succeed as a theory of something very specific — the interactions of particles under the strong nuclear force.

Whether string theory can live up to its claim of being a 'theory of everything', and whether it will ever produce a falsifiable prediction as such, remain hotly debated questions. Meanwhile, developments in a quieter side-alley 1, 2, 3, 4, 5, 6, 7, 8 indicate that the theory might be about to deliver something of its original promise: helping us to understand the physics of interactions mediated by the strong nuclear force.

String theory was born in the 1960s, when physicists tried to put order into a bewildering wealth of phenomena appearing at subnuclear distance scales. Here, the strong interaction dominates the other three fundamental forces of nature: gravity, electromagnetism and the weak nuclear interaction. Scattering experiments in high-energy particle accelerators had revealed a stunning proliferation of resultant particle-like excitations — 'resonances' — at particular energies, amounting to an ever-growing zoo of particles that could not possibly all be elementary (that is, indivisible).

[Read More](#)**Oct. 25-26**

- FESS switched Pbar 95 LCW pumps
- Meson MTest had safety walk through
- Pbar reported good stacking efficiency

[Read the Current Accelerator Update](#)**[Read the Early Bird Report](#)****[View the Tevatron Luminosity Charts](#)****Announcements****Have a safe day!****Project X Accelerator Physics and Technology workshop Nov. 12-13**

Fermilab will host a workshop to discuss the accelerator physics and technology issues of Project X. The workshop will also explore possible areas of overlap and interest among various particle accelerator laboratories and universities. For more information or to register, see the Accelerator Physics and Technology Workshop for Project X [Web site](#).

Project X physics workshop Nov. 16-17

Fermilab will host a user's workshop Nov. 16-17 to discuss the physics of Project X. The group will meet at 8:30 a.m. Friday, Nov. 16, in One West. A wine and cheese talk by Michelangelo Mangano runs from 4 to 5:30 p.m. The Saturday session will be partly in One West, but also will include parallel sessions in different rooms. Streaming video of the sessions will be provided. The agenda can be found [here](#). You should register if you plan to attend in person or via streaming video. [Online registration](#) is available.

Introduction to PowerPoint 2003

Learn the basic skills necessary to create effective PowerPoint presentations. [Learn more and enroll](#).

Update your information by e-mail

Records@fnal.gov is the new email address to use when making changes to your records. Use it to update your address, phone number, mail station and your work location.

EAP office hours temporary change

The EAP office will be open Tuesday, Oct. 30, from 9 a.m. to 1 p.m. but will be closed on Wednesday, Oct. 31, and Friday, Nov. 2. It will be open again on Tuesday, Nov. 6, from 9 a.m. to 1 p.m. but will be closed Wednesday, Nov. 7, and Friday, Nov. 9. The EAP office will resume the regular schedule on Wednesday, Nov. 14. The EAP is available 24/7 by calling (800) 843-1327.

[Fermilab Today](#)

[Result of the Week](#)

[Safety Tip of the Week](#)

[ILC NewsLine](#)

Info

Fermilab Today is online at:
www.fnal.gov/today/

Send comments and suggestions to:
today@fnal.gov

Scottish Dance Halloween party Tuesday
Scottish Country Dancing will hold a Halloween Party on Tuesday, Oct. 30, in Kuhn Barn. Costumes are encouraged but not essential. Instruction begins at 7:30 p.m. and newcomers are always welcome. Most dances are fully taught and walked through, and you do not need to come with a partner. Call (630) 840-8194 or (630)584-0825 or email folkdance@fnal.gov.